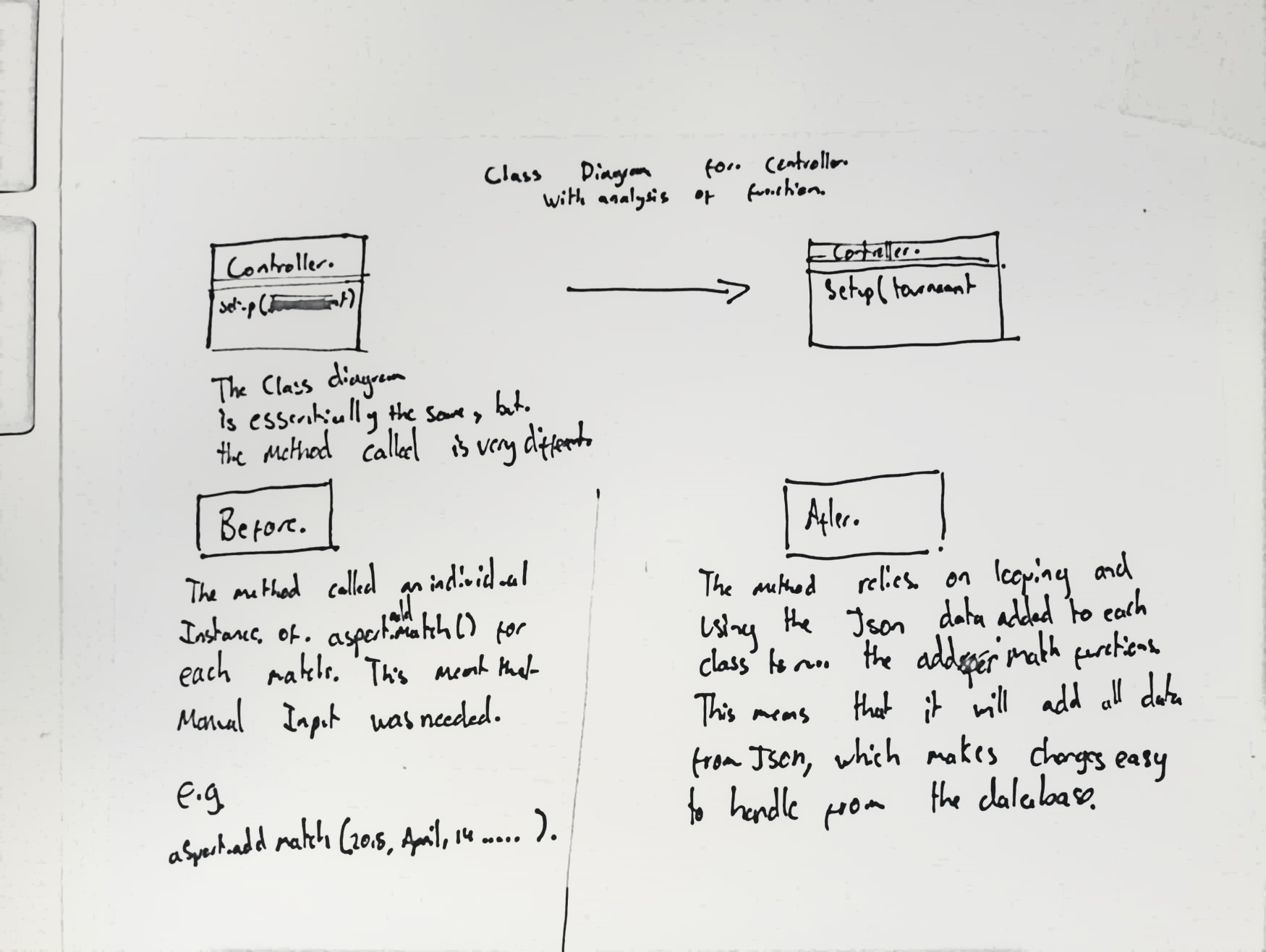
# Iteration 5: Controller

## Goal:

Implement a smart controller which loads data from an external json file

## Class Diagram of Controller with changes explained



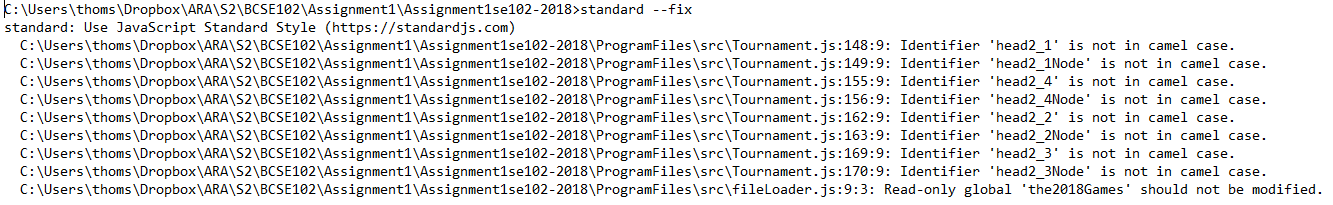
## Tasks:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Description | Products | Time est: | Time Taken |
| Planning | * Complete Worksheet and Planning sheet | * Worksheet | 1 hour | 1 hours |
| Analysis: | * Create a comparison class diagram for controller * Complex algorithm worksheet | * Class Diagram * algorithm | 30mins  30 mins | 30 mins  30mins |
| Designing: | * create activity diagram | * Pseudocode | 30 mins | 15 mins |
| Building | * Create Callable functions to loader support * Edit controller to remove add matches and load it from file * Edit index to support the new loading method | * Working assignment (Hopefully!). * Fileloader script file | 30 mins  30 mins  30mins | 40 mins  1 hours  30mins |
| Testing | * Run through standard js | * Tested Web page | 15 mins | 15 mins |

## Standard JS Log

Exceptions listed in the log below are technicalities that the system can’t pick up, not the fact that it isn’t in camel case. Another global variable warning is there, but it is because it is defined as a read only global variable.

Our new StandardJs log:



## Activity Diagram

## C:\Users\thoms\Downloads\41045844_283662905797637_8095924051999981568_n.jpg

## Review:

### Mistakes:

I made a few mistakes due to the increased complexity of my program as it grows. I had issues with reused variable names and appending to an improper div structure.

My naming techniques for html elements are inconsistent, which has lead to me implementing the results to a wrong div and in general not behaving like intended.

I also made the mistake of fragmenting my function base for the reading of json data within 2 separate files. This made editing and debugging more sluggish, but my time limit pressured me to leave them as they were for refactoring in a later iteration.

### What I Will do Different Next Iteration

Variable tables may be a suitable step to manage variable calling and creation to manage during planning and coding.